## Summary of Residents without water (1-6-11)

Name	Survey Summary	Hazardous	Comparison Value	Comparison	Maximum
y		Substances Present*		Value Source	
	2 adults, 1 teenager,	1)DEHP	1) 600/2,000 ug/L	1)ATSDR	1) 2.3 ug/L
Ex. 6 - Personal Privacy	water buffalo (well			Child/Adult	
	disconnected) using			Chronic	
L	donated bottled water			EMEG	
	for drinking. Delivery				
	of water to buffalo	2)Glycols	2) 8,000/30,000	2)ATSDR	2) 4700J ug/L
	discontinued by donor		ug/L	Child/Adult	
	parties.			Intermediate	
				EMEG	
		3) 2-Methoxyethanol	3) None		
			Established	3) None	3) 1300J ug/L
				16-	- Marie
		4)Manganese	4) 50 ug/L	4) EPA SMCL	4) 96.5 ug/L
Tox: Although manganese	was detected at a level (96.5	ug/L) that exceeds its	Secondary MCL (50 ug	g/L), this concentr	ration would not be
	ant threat. The other contam				
	tections of concern (analytical			nanganese. Elevate	ed methane. Biological
ok. Potential quality control is	ssues with data. Do not use ur	ntil further characterization	recommended.		
	D - 4-141-114	Arsenic	2/10/I	ATSDR	1 OT/T
Ex. 6 - Personal Privacy	2 adults, no children,	Arsenic	3/10 ug/L	Transfer Ministration of the contract of the c	1.8J ug/L
L	water buffalo (well not			Child/Adult	
	being used) using donated			Chronic	
	bottled water for drinking.			EMEG	
	Delivery to water buffalo				
	discontinued by donor				
	parties				
Tox: No contaminants at 1	evels of concern.				

ATSDR: No organics data. Elevated methane, ethane, and ethene. Further characterization recommended.

DIM0176970 DIM0176971

	Ex. 6 - Personal Privacy	2 adults, no children,	1)Glycols	1)8000/30,000 ug/L	1) ATSDR	1) ~1620 ug/L
	Ex. 0 - Personal Privacy	water buffalo (well not	100		Child/Adult	
		being used) using	2) 2-Methoxyethanol		Intermediate	
		donated bottled water			EMEG	
		for drinking. Delivery	3) Arsenic			
		to water buffalo		2)None Established	2) None	2) 1100J ug/L
		discontinued by donor	4) Mangenese			
		parties. Pumping water		3) 3/10 ug/L	3) ATSDR	3) 2.4J ug/L
		from the creek to the	5) Sodium		Child/Adult	
		water buffalo			Chronic	
					EMEG	
				4) 50/1	4) EDA CMCI	4) 7(1/1
				4) 50 ug/L	4) EPA SMCL	4) 76J ug/L
				5) 20,000 ug/L	5) EPA	5) 110,000 ug/L
				3) 20,000 ttg/L	Drinking	3) 110,000 ug/L
					Water	
					Advisory	
TO	Y: Sodium (110.00	00 ug/L) exceeds its Secondary	MCI which is based or	a aesthetics, as well as		ataka for individuals

TOX: Sodium (110,000 ug/L) exceeds its Secondary MCL, which is based on aesthetics, as well as the safe level of intake for individuals on sodium-restricted diets. From a health perspective, the detected level of sodium could be a concern for hypertensive individuals.

Manganese (76 ug/L) exceeds its Secondary MCL, but does not pose a threat.

ATSDR: Glycol compound detections of concern (analytical detection issues as we've discussed). Elevated manganese. Elevated sodium. Elevated methane. Biological ok. Do not use until further characterization recommended.

DIM0176970 DIM0176972

·						
Ex. 6 - Personal Pr	ivacy	4 adults, no children,	1) Glycols	1) 8000/30,000	1) ATSDR	1) 630J ug/L
		water buffalo (well not		ug/L	Child/Adult	
		being used) using			Intermediate	
		donated bottled water for			EMEG	
		drinking. Delivery to				
		water buffalo	2) 2-Methoxyethanol	2) None	2) None	2) 880J ug/L
		discontinued by donor		Established	Established	
		parties.				
			3) Arsenic	3) 3/10 ug/L	3) ATSDR	3) 7.2B ug/L
					Child/Adult	
					Chronic	
					EMEG	
			4) Mangenese	4) 50 ug/L	4) EPA SMCL	4) 628 ug/L
			5)Sodium	5) 20,000 ug/L	5) EPA	5) 82,900 ug/L
			3)30diuiii	3) 20,000 ug/L	Drinking	3) 82,900 ug/L
					Water	
T C''1	1 /D	:1	110	2 000/I \ '	Advisory	CI M (620
		esident 3), sodium was obser				
		condary MCL; exposure to the				
ATSDR: Glycol compound detections of concern (analytical detection issues as we've discussed). Elevated manganese. Elevated methane. Biological concern. Potential quality control issues with data. Do not use until further characterization recommended.						
Concern. Fotentiar	quanty cc	minor issues with data. Do not t	ase until furtile! Character	zation recommended.		
		3 adults, no children,	1) Arsenic	1) 3/10 ug/L	1) ATSDR	1) 1.3 ug/L
Ex. 6 - Personal	Privacy	not using water buffalo	-,	-,	Child/Adult	-,

Ex. 6 - Personal Privacy	3 adults, no children,	1) Arsenic	1) 3/10 ug/L	1) ATSDR	1) 1.3 ug/L
LX. 0 - Fersonal Frivacy	not using water buffalo			Child/Adult	
	, using well water for			Chronic	
	everything but drinking			EMEG	
	and cooking buying				
	their own bottled water	2) Mangenese	2) 50 ug/L	2) EPA SMCL	2) 212 ug/L
	for drinking and				
	cooking. High				
	sediment noted in their				
	filter.				

Tox: Manganese (212 ug/L) exceeded its Secondary MCL, but does not pose a threat.

ATSDR: No organics data. Elevated manganese. Biological concern. Do not use until further characterization recommended.

DIM0176970 DIM0176973

Ex. 6 - Personal Privacy	2 adults, 2 teenagers, 3	1) DEHP	1) 600/2,000 ug/L	1) ATSDR	1) 22 ug/L
Ex. 0 - 1 crsonar i rivacy	children, water buffalo			Child/Adult	
	(well not being used)			Chronic	
	using donated bottled			EMEG	
	water for drinking.				
	Delivery to water	2) Arsenic	2) 3/10 ug/L	2) ATSDR	2) 6.5 ug/L
	buffalo discontinued by			Child/Adult	
	donor parties.			Chronic	
				EMEG	
		3) Mangenese	3) 50 ug/L	3) EPA SMCL	3) 669 ug/L
		4) Sodium	4) 20,000 ug/L	4) EPA	4) 131,000 ug/L
				Drinking	
				Water	
				Advisory	
OV DELID (22 /I)	1 '- MCT (C -/T) - 1	-1 M	1 1 /7 1 /T	and the first contract of the first contract of the contract o	1 C1E (A)

TOX: DEHP (22 ug/L) exceeds its MCL (6 ug/L) and also its risk-based screening level (7.1 ug/L, set at an excess cancer risk of 1E-04). Long-term exposure to this level of DEHP would pose a cancer risk of approximately 3E-04; this would be considered an imminent and substantial threat. Additionally, sodium (131,000 ug/L) exceeds its Secondary MCL and could pose a threat to sodium-sensitive individuals. Note that three children reside at this location.

ATSDR: Limited organics data. Elevated manganese and sodium. Elevated methane. Biological concern. Do not use until further characterization recommended.

	Fisher – 2 adults, 1	1) Glycols	1) 8000/30,000	1) ATSDR	1) 3400J ug/L
Ex. 6 - Personal Privacy	senior, 1 adolescent, 1		ug/L	Child/Adult	
	child, 1 toddler, water			Intermediate	
	buffalo (well not being			EMEG	
	used) using donated				
	bottled water for	2) Arsenic	2) 3/10 ug/L	2) ATSDR	2) 3.1 ug/L
	drinking. Delivery to			Child/Adult	
	water buffalo			Chronic	
	discontinued by donor			EMEG	
	parties.				
		3) Mangenese	3) 50 ug/L	3) EPA SMCL	3) 1360 ng/L

TOX: Manganese was detected at a level (1360 ug/L) that generates a Hazard Quotient of approximately 4. This represents an imminent and substantial threat. Note that two children (including one toddler) reside at this location.

ATSDR: Glycol compound detections of concern (analytical detection issues as we've discussed). Elevated manganese. Biological concern. Do not use until further characterization recommended.

DIM0176974 DIM0176970

Ex. 6 - Personal Privacy	3 adults, 3 seniors, 2	1)DEHP	1) 600/2,000 ug/L	1) ATSDR	1) 2.61 ug/L
Ex. 6 - Personal Privacy	toddlers, water buffalo			Child/Adult	
	disconnected. Well			Chronic	
	back in use for non-			EMEG	
	potable uses. Bottle				
	water used for drinking	2)Arsenic	2) 3/10 ug/L	2) ATSDR	2) 37 ug/L
	and cooking. Resident			Child/Adult	
	installed filter system			Chronic	
	(not sure it is certified			EMEG	
	for potential				
	contaminants)	3)Manganese	3) 50 ug/L	3) EPA SMCL	3) 413 ug/L
		4)Sodium	4) 20,000 ug/L	4) EPA	4) 36,800 ug/L
				Drinking	
				Water	
TOTAL 1 (25 (7)				Advisory	

TOX: Arsenic (37 ug/L) was observed at a concentration that would pose a long-term cancer risk of 8E-04. This represents an imminent and substantial threat. Additionally, the detected concentration of arsenic exceeds its MCL (10 ug/L). Note that two toddlers reside at this location.

ATSDR: Glycol compound detections of concern (analytical detection issues as we've discussed). Elevated manganese. Elevated sodium. Biological concern. Do not use until further characterization recommended.

## Overall ATSDR statement

ATSDR's preliminary public health evaluation of the private well water data at this time remains as summarized in our 12/29/11 Record of Activity document. We concluded that considering the maximum levels detected in these wells and the potential quality control issues, a possible chronic public health threat for prolonged use of the water from at least some of these wells exits. We recommended not using the water until further characterization could better establish the existence of a public health threat.

DIM0176970 DIM0176975

st Note, other chemicals of concern to ATSDR are present in all of these wells.